$0^{3^{P}}$ #/2

ENTERED

RAW SEQUENCE LISTING
PATENT APPLICATION: **US/09/892,635A**

DATE: 06/16/2003 P.6
TIME: 15:27:32

Input Set : **A:\031998-007.ST25.txt**
Output Set: **N:\CRF4\06162003\I892635A.raw**

```
 4  <110> APPLICANT: May, Gregory D.
 5        Clendennen, Stephanie K.
 6        Mason, Hugh S.
 7        Lim, Miguel A. Gomez
 8        Arntzen, Charles J.
10  <120> TITLE OF INVENTION: DNA Regulatory Elements Associated with Fruit Development
12  <130> FILE REFERENCE: 031998-007
14  <140> CURRENT APPLICATION NUMBER: US 09/892,635A
15  <141> CURRENT FILING DATE: 2001-06-28
17  <150> PRIOR APPLICATION NUMBER: US 09/160,351
18  <151> PRIOR FILING DATE: 1998-09-25
20  <150> PRIOR APPLICATION NUMBER: US 60/060,062
21  <151> PRIOR FILING DATE: 1997-09-25
23  <160> NUMBER OF SEQ ID NOS: 45
25  <170> SOFTWARE: FastSEQ for Windows Version 4.0
27  <210> SEQ ID NO: 1
28  <211> LENGTH: 1186
29  <212> TYPE: DNA
30  <213> ORGANISM: Musa acuminata
32  <220> FEATURE:
33  <221> NAME/KEY: CDS
34  <222> LOCATION: (55)...(1026)
36  <400> SEQUENCE: 1
37  tttggttgtg cctaacagag agagagagac agaccgatag cctcctcatt cact atg      57
38                                                                  Met
39                                                                  1
41  gcg atc cga tcg cca gct tcg ctg ctg tta ttt gcg ttc ctg atg ctt      105
42  Ala Ile Arg Ser Pro Ala Ser Leu Leu Leu Phe Ala Phe Leu Met Leu
43              5               10                  15
45  gcg ctc acg gga aga ctg cag gcc cgg cgc agc tca tgc att ggc gtc      153
46  Ala Leu Thr Gly Arg Leu Gln Ala Arg Arg Ser Ser Cys Ile Gly Val
47          20                  25                  30
49  tac tgg gga caa aac acc gac gag gga agc tta gca gat gct tgt gcc      201
50  Tyr Trp Gly Gln Asn Thr Asp Glu Gly Ser Leu Ala Asp Ala Cys Ala
51      35                  40                  45
53  aca ggc aac tac gaa tac gtg aac atc gcc acc ctt ttc aag ttt ggc      249
54  Thr Gly Asn Tyr Glu Tyr Val Asn Ile Ala Thr Leu Phe Lys Phe Gly
55   50                  55                  60                  65
57  atg ggc caa act cca gag atc aac ctc gcc ggc cac tgt gac cct cgg      297
58  Met Gly Gln Thr Pro Glu Ile Asn Leu Ala Gly His Cys Asp Pro Arg
59                  70                  75                  80
61  aac aac ggc tgc gcg cgc ttg agc agc gaa atc cag tcc tgc cag gag      345
62  Asn Asn Gly Cys Ala Arg Leu Ser Ser Glu Ile Gln Ser Cys Gln Glu
```

RAW SEQUENCE LISTING   DATE: 06/16/2003
PATENT APPLICATION: US/09/892,635A   TIME: 15:27:32

Input Set : A:\031998-007.ST25.txt
Output Set: N:\CRF4\06162003\I892635A.raw

```
63             85              90              95
65 cgt ggc gtc aag gtg atg ctc tcc atc gga ggt ggc ggg tct tat ggc    393
66 Arg Gly Val Lys Val Met Leu Ser Ile Gly Gly Gly Gly Ser Tyr Gly
67         100             105             110
69 ctg agt tcc acc gaa gac gcc aag gac gta gcg tca tac ctc tgg cac    441
70 Leu Ser Ser Thr Glu Asp Ala Lys Asp Val Ala Ser Tyr Leu Trp His
71     115             120             125
73 agt ttc ttg ggt ggt tct gct gct cgc tac tcg aga ccc ctc ggg gat    489
74 Ser Phe Leu Gly Gly Ser Ala Ala Arg Tyr Ser Arg Pro Leu Gly Asp
75 130             135             140             145
77 gcg gtt ctg gat ggc ata gac ttc aac atc gcc gga ggg agc aca gaa    537
78 Ala Val Leu Asp Gly Ile Asp Phe Asn Ile Ala Gly Gly Ser Thr Glu
79             150             155             160
81 cac tat gat gaa ctt gcc gct ttc ctc aag gcc tac aac gag cag gag    585
82 His Tyr Asp Glu Leu Ala Ala Phe Leu Lys Ala Tyr Asn Glu Gln Glu
83         165             170             175
85 gcc gga acg aag aaa gtt cac ttg agt gct cgt ccg cag tgt cct ttc    633
86 Ala Gly Thr Lys Lys Val His Leu Ser Ala Arg Pro Gln Cys Pro Phe
87         180             185             190
89 ccg gat tac tgg ctt ggc aac gca ctc aga aca gat ctc ttc gac ttc    681
90 Pro Asp Tyr Trp Leu Gly Asn Ala Leu Arg Thr Asp Leu Phe Asp Phe
91     195             200             205
93 gtg tgg gtg cag ttc ttc aac aac cct tcg tgc cat ttc tcc cag aac    729
94 Val Trp Val Gln Phe Phe Asn Asn Pro Ser Cys His Phe Ser Gln Asn
95 210             215             220             225
97 gct atc aat ctt gca aat gcg ttc aac aat tgg gtc atg tcc atc cct    777
98 Ala Ile Asn Leu Ala Asn Ala Phe Asn Asn Trp Val Met Ser Ile Pro
99             230             235             240
101 gcg caa aag ctg ttc ctt ggg ctt cct gct gct cct gag gct gct cca   825
102 Ala Gln Lys Leu Phe Leu Gly Leu Pro Ala Ala Pro Glu Ala Ala Pro
103         245             250             255
105 act ggt ggc tac att cca ccc cat gat ctc ata tct aaa gtt ctt ccg   873
106 Thr Gly Gly Tyr Ile Pro Pro His Asp Leu Ile Ser Lys Val Leu Pro
107         260             265             270
109 atc cta aag gat tcc gac aag tac gca gga atc atg ctg tgg act aga    921
110 Ile Leu Lys Asp Ser Asp Lys Tyr Ala Gly Ile Met Leu Trp Thr Arg
111     275             280             285
113 tac cac gac aga aac tcc ggc tac agt tct caa gtc aag tcc cac gtg    969
114 Tyr His Asp Arg Asn Ser Gly Tyr Ser Ser Gln Val Lys Ser His Val
115 290             295             300             305
117 tgt cca gcg cgt cgg ttc tcc aac atc tta tct atg ccg gtg aag tct   1017
118 Cys Pro Ala Arg Arg Phe Ser Asn Ile Leu Ser Met Pro Val Lys Ser
119             310             315             320
121 tcc aag taa acctgaacgg cgtagatgat cggtggtcga aaactccgat          1066
122 Ser Lys  *
125 catcatgggt ccccatccgt atccgtgcgt tgctacgtta tggtgtttcc cttgtatgtt 1126
126 ggtcttttca ataatataat aaggggttag ttttacgttt ccaaaaaaaa aaaaaaaaaa 1186
129 <210> SEQ ID NO: 2
130 <211> LENGTH: 323
```

RAW SEQUENCE LISTING   DATE: 06/16/2003
PATENT APPLICATION: US/09/892,635A   TIME: 15:27:32

Input Set : A:\031998-007.ST25.txt
Output Set: N:\CRF4\06162003\I892635A.raw

131 <212> TYPE: PRT
132 <213> ORGANISM: Musa acuminata
134 <400> SEQUENCE: 2
135 Met Ala Ile Arg Ser Pro Ala Ser Leu Leu Leu Phe Ala Phe Leu Met
136 1   5   10   15
137 Leu Ala Leu Thr Gly Arg Leu Gln Ala Arg Arg Ser Ser Cys Ile Gly
138   20   25   30
139 Val Tyr Trp Gly Gln Asn Thr Asp Glu Gly Ser Leu Ala Asp Ala Cys
140   35   40   45
141 Ala Thr Gly Asn Tyr Glu Tyr Val Asn Ile Ala Thr Leu Phe Lys Phe
142   50   55   60
143 Gly Met Gly Gln Thr Pro Glu Ile Asn Leu Ala Gly His Cys Asp Pro
144 65   70   75   80
145 Arg Asn Asn Gly Cys Ala Arg Leu Ser Ser Glu Ile Gln Ser Cys Gln
146   85   90   95
147 Glu Arg Gly Val Lys Val Met Leu Ser Ile Gly Gly Gly Gly Ser Tyr
148   100   105   110
149 Gly Leu Ser Ser Thr Glu Asp Ala Lys Asp Val Ala Ser Tyr Leu Trp
150   115   120   125
151 His Ser Phe Leu Gly Gly Ser Ala Ala Arg Tyr Ser Arg Pro Leu Gly
152   130   135   140
153 Asp Ala Val Leu Asp Gly Ile Asp Phe Asn Ile Ala Gly Gly Ser Thr
154 145   150   155   160
155 Glu His Tyr Asp Glu Leu Ala Ala Phe Leu Lys Ala Tyr Asn Glu Gln
156   165   170   175
157 Glu Ala Gly Thr Lys Lys Val His Leu Ser Ala Arg Pro Gln Cys Pro
158   180   185   190
159 Phe Pro Asp Tyr Trp Leu Gly Asn Ala Leu Arg Thr Asp Leu Phe Asp
160   195   200   205
161 Phe Val Trp Val Gln Phe Phe Asn Asn Pro Ser Cys His Phe Ser Gln
162   210   215   220
163 Asn Ala Ile Asn Leu Ala Asn Ala Phe Asn Asn Trp Val Met Ser Ile
164 225   230   235   240
165 Pro Ala Gln Lys Leu Phe Leu Gly Leu Pro Ala Ala Pro Glu Ala Ala
166   245   250   255
167 Pro Thr Gly Gly Tyr Ile Pro Pro His Asp Leu Ile Ser Lys Val Leu
168   260   265   270
169 Pro Ile Leu Lys Asp Ser Asp Lys Tyr Ala Gly Ile Met Leu Trp Thr
170   275   280   285
171 Arg Tyr His Asp Arg Asn Ser Gly Tyr Ser Ser Gln Val Lys Ser His
172   290   295   300
173 Val Cys Pro Ala Arg Arg Phe Ser Asn Ile Leu Ser Met Pro Val Lys
174 305   310   315   320
175 Ser Ser Lys
179 <210> SEQ ID NO: 3
180 <211> LENGTH: 90
181 <212> TYPE: PRT
182 <213> ORGANISM: Musa acuminata
184 <400> SEQUENCE: 3

RAW SEQUENCE LISTING   DATE: 06/16/2003
PATENT APPLICATION: US/09/892,635A   TIME: 15:27:32

Input Set : A:\031998-007.ST25.txt
Output Set: N:\CRF4\06162003\I892635A.raw

```
185 Met Ala Ile Arg Ser Pro Ala Ser Leu Leu Leu Phe Ala Phe Leu Met
186  1               5                10                15
187 Leu Ala Leu Thr Gly Arg Leu Gln Ala Arg Arg Ser Ser Cys Ile Gly
188            20                25                30
189 Val Tyr Trp Gly Gln Asn Thr Asp Glu Gly Ser Leu Ser Asp Lys Tyr
190        35                40                45
191 Ala Gly Ile Met Leu Trp Thr Arg Tyr His Asp Arg Asn Ser Gly Tyr
192    50                55                60
193 Ser Ser Gln Val Lys Ser His Val Cys Pro Ala Arg Arg Phe Ser Asn
194 65                70                75                80
195 Ile Leu Ser Met Pro Val Lys Ser Ser Lys
196                85                90
199 <210> SEQ ID NO: 4
200 <211> LENGTH: 67
201 <212> TYPE: PRT
202 <213> ORGANISM: Musa acuminata
204 <400> SEQUENCE: 4
205 Met Glu Lys Cys Phe Asn Ile Ile Pro Ser Leu Leu Leu Ile Ser Leu
206  1               5                10                15
207 Leu Ile Lys Ser Ser Asn Ala Ala Gly Ile Ala Val Tyr Trp Gly Gln
208            20                25                30
209 Asn Gly Asn Glu Gly Ser Leu Ser Pro Lys Tyr Gly Gly Val Met Ile
210            35                40                45
211 Trp Asp Arg Phe Asn Asp Ala Gln Ser Gly Tyr Ser Asn Ala Ile Lys
212        50                55                60
213 Gly Ser Val
214 65
217 <210> SEQ ID NO: 5
218 <211> LENGTH: 69
219 <212> TYPE: PRT
220 <213> ORGANISM: Musa acuminata
222 <400> SEQUENCE: 5
223 Met Ala Arg Thr Pro Gln Ser Thr Pro Leu Leu Ile Ser Leu Ser Val
224  1               5                10                15
225 Leu Ala Leu Ile Lys Thr Ser Tyr Ala Gly Gly Ile Ala Ile Tyr Trp
226            20                25                30
227 Gly Gln Asn Gly Asn Glu Gly Thr Leu Ser Pro Lys Tyr Gly Gly Val
228            35                40                45
229 Met Ile Trp Ser Lys Phe Tyr Asp Asp Gln Ser Gly Tyr Ser Asn Ser
230    50                55                60
231 Ile Lys Gly Ser Val
232 65
235 <210> SEQ ID NO: 6
236 <211> LENGTH: 73
237 <212> TYPE: PRT
238 <213> ORGANISM: Musa acuminata
240 <400> SEQUENCE: 6
241 Met Thr Asn Met Thr Leu Arg Lys His Val Ile Tyr Pro Leu Leu Phe
242  1               5                10                15
```

Input Set : A:\031998-007.ST25.txt
Output Set: N:\CRF4\06162003\I892635A.raw

```
243 Ile Ser Cys Ser Leu Ser Lys Pro Ser Asp Ala Ser Arg Gly Gly Ile
244          20              25              30
245 Ala Ile Tyr Trp Gly Gln Asn Gly Asn Glu Gly Asn Leu Ser Arg Lys
246          35              40              45
247 Tyr Gly Gly Val Met Ile Trp Ser Lys Phe Trp Asp Asp Lys Asn Gly
248      50              55              60
249 Tyr Ser Asn Ser Ile Leu Ala Ser Val
250 65                  70
253 <210> SEQ ID NO: 7
254 <211> LENGTH: 64
255 <212> TYPE: PRT
256 <213> ORGANISM: Musa acuminata
258 <400> SEQUENCE: 7
259 Met Ile Lys Tyr Ser Pro Leu Leu Thr Ala Ser Val Ser Phe Leu Lys
260  1           5               10              15
261 Ala Leu Lys Leu Glu Ala Gly Asp Ile Val Ile Tyr Trp Gly Gln Asn
262          20              25              30
263 Gly Asn Glu Gly Asn Leu Ser Pro Lys Tyr Gly Gly Val Met Ile Trp
264          35              40              45
265 Ser Lys Phe Tyr Asp Asn Gly Tyr Ser Asn Ala Ile Leu Ala Asn Val
266      50              55              60
269 <210> SEQ ID NO: 8
270 <211> LENGTH: 67
271 <212> TYPE: PRT
272 <213> ORGANISM: Musa acuminata
274 <400> SEQUENCE: 8
275 Met Ala Ala Lys Ile Val Ser Val Leu Phe Leu Ile Ser Ser Leu Ile
276  1           5               10              15
277 Phe Ala Ser Phe Glu Ser Ser His Gly Gly Gln Ile Val Ile Tyr Trp
278          20              25              30
279 Gly Gln Asn Gly Asn Glu Gly Asn Leu Ser Ala Lys Tyr Gly Gly Val
280          35              40              45
281 Met Ile Trp Ser Lys Ala Tyr Asp Asn Gly Tyr Ser Asn Ala Ile Leu
282      50              55              60
283 Ala Ser Val
284 65
287 <210> SEQ ID NO: 9
288 <211> LENGTH: 496
289 <212> TYPE: DNA
290 <213> ORGANISM: Musa acuminata
292 <220> FEATURE:
293 <221> NAME/KEY: misc_feature
294 <222> LOCATION: 163, 387, 471
295 <223> OTHER INFORMATION: n = A,T,C or G
297 <400> SEQUENCE: 9
298 ggcacgagta catcctctgc ttcttcgagc cttttcgcct tccttcctcg tctaaccatg 60
299 tcgacctgcg gcaactgcga ctgcgttgac aagagccagt gcgtgaagaa gggaaacagc 120
W-->  300 tacggtatcg atattgttga gaccgagaag agctacgtcg acnaggtgat cgttgccgca 180
301 gaagctgccg agcatgacgg caagtgcaag tgcggcgccg cctgcgcctg caccgactgc 240
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 06/16/2003
PATENT APPLICATION: US/09/892,635A   TIME: 15:27:33

Input Set : A:\031998-007.ST25.txt
Output Set: N:\CRF4\06162003\I892635A.raw

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

```
Seq#:9; N Pos. 163,387,471
Seq#:22; N Pos. 82,601,628,640,655,692,725,774,793,806,813,854,867,870,876
Seq#:22; N Pos. 882,890,919,946,959,965,995,999,1002,1028,1043,1054,1075
Seq#:22; N Pos. 1093,1515,2166,2216,2265,2345,2533,2870,2917,3077,3337,3356
Seq#:22; N Pos. 3618,3627,3754,3810,3819,3884,3893,4494,4503,4524,4533,4568
Seq#:22; N Pos. 4574,4597,4654,4724,4741,4759,4852,5027,5253,5546,5565,5567
Seq#:22; N Pos. 5575,5578,5618,5619,5650,5669,5672,5677,5683,5694,5704,5708
Seq#:22; N Pos. 5732,5741,5754,5758,5772,5778,5780,5784,5788,5802,5804,5808
Seq#:22; N Pos. 5813,5820,5824,5832,5834,5836,5854,5858,5863,5872,5875,5889
Seq#:22; N Pos. 5915,5922,5950,5990,6006,6011,6344,6401,6416,6596,6600,6608
Seq#:22; N Pos. 6612,6712,6748,6753,6756,6762,6830,6844,6847,6863,6910,6965
Seq#:22; N Pos. 6968,7070,7116,7179,7291,7322,7325,7345,7351,7359,7387,7395
Seq#:23; N Pos. 82,601,628,640,655,692,725,774,793,806,813,854,867,870,876
Seq#:23; N Pos. 882,890,919,946,959,965,995,999,1002,1028,1043,1054,1075
Seq#:23; N Pos. 1093,1515,2166,2216,2265,2345,2533,2870,2917,3077,3337,3356
Seq#:23; N Pos. 3618,3627,3754,3810,3819,3884,3893,4494,4503,4524,4533,4568
Seq#:23; N Pos. 4574,4597,4654,4724,4741,4759,4852,5027,5253,5546,5565,5567
Seq#:23; N Pos. 5575,5578,5618,5619,5650,5669,5672,5677,5683,5694,5704,5708
Seq#:23; N Pos. 5732,5741,5754,5758,5772,5778,5780,5784,5788,5802,5804,5808
Seq#:23; N Pos. 5813,5820,5824,5832,5834,5836,5854,5858,5863,5872,5875,5889
Seq#:23; N Pos. 5915,5922,5950,5990,6006,6011,6344,6401,6416,6596,6600,6608
Seq#:23; N Pos. 6612,6712,6748,6753,6756,6762,6830,6844,6847,6863,6910,6965
Seq#:23; N Pos. 6968,7070,7116,7179,7291,7322,7325,7345,7351,7359,7387,7395
Seq#:24; Xaa Pos. 25,164,173,177,181,193,204,220,227,231,233,247,251,254
Seq#:24; Xaa Pos. 259,269,278,282,284,294,296,305,310,314,320,326,458,656
Seq#:24; Xaa Pos. 673,687,713,774,883,899,952,1038,1043,1163,1180,1183,1202
Seq#:24; Xaa Pos. 1204,1397,1400,1412,1414,1422,1441,1462,1468,1474,1504
Seq#:24; Xaa Pos. 1559,1729,1735,1736,1739,1740,1753,1764,1770,1771,1773
Seq#:24; Xaa Pos. 1775,1778,1782,1783,1791,1794,1800,1806,1807,1808,1810
Seq#:24; Xaa Pos. 1815,1818,1822,1825,1826,1832,1833,1835,1837,1838,1842
Seq#:24; Xaa Pos. 1851,1863,1876,1881,1883,1991,2009,2014,2071,2075,2109
Seq#:24; Xaa Pos. 2120,2121,2122,2124,2147,2151,2152,2157,2169,2187,2188
Seq#:24; Xaa Pos. 2221,2236,2257,2293,2303,2304,2310,2312,2323
Seq#:25; Xaa Pos. 27,160,169,173,190,200,216,222,227,229,243,247,248,250
Seq#:25; Xaa Pos. 252,255,273,278,280,290,291,292,301,306,459,654,669,685
Seq#:25; Xaa Pos. 710,767,878,893,944,1029,1104,1107,1162,1164,1182,1185
Seq#:25; Xaa Pos. 1372,1375,1379,1382,1393,1395,1417,1440,1445,1450,1475
Seq#:25; Xaa Pos. 1533,1666,1672,1673,1676,1690,1706,1707,1714,1719,1727
Seq#:25; Xaa Pos. 1730,1734,1740,1742,1743,1744,1750,1751,1752,1754,1756
Seq#:25; Xaa Pos. 1757,1760,1761,1769,1770,1773,1779,1788,1790,1799,1813
Seq#:25; Xaa Pos. 1818,1820,1930,1949,1954,2011,2012,2015,2016,2058,2060
Seq#:25; Xaa Pos. 2061,2063,2083,2087,2088,2092,2106,2122,2123,2156,2171
Seq#:25; Xaa Pos. 2191,2224,2235,2236,2247,2258
Seq#:26; Xaa Pos. 23,196,205,209,214,226,254,260,264,267,284,285,287,289
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 06/16/2003
PATENT APPLICATION: US/09/892,635A   TIME: 15:27:33

Input Set : **A:\031998-007.ST25.txt**
Output Set: **N:\CRF4\06162003\I892635A.raw**

```
Seq#:26; Xaa Pos. 301,309,313,315,327,328,345,352,358,494,697,713,728,813
Seq#:26; Xaa Pos. 939,991,1076,1081,1165,1167,1208,1226,1229,1250,1253,1442
Seq#:26; Xaa Pos. 1445,1452,1455,1465,1474,1492,1511,1517,1523,1549,1604
Seq#:26; Xaa Pos. 1676,1770,1777,1780,1781,1794,1795,1805,1812,1814,1816
Seq#:26; Xaa Pos. 1820,1823,1832,1835,1840,1841,1846,1847,1849,1850,1855
Seq#:26; Xaa Pos. 1857,1861,1862,1864,1865,1871,1872,1874,1877,1878,1883
Seq#:26; Xaa Pos. 1894,1903,1916,1922,1923,2034,2053,2058,2114,2118,2144
```

VERIFICATION SUMMARY
PATENT APPLICATION: **US/09/892,635A**

DATE: 06/16/2003
TIME: 15:27:33

Input Set : **A:\031998-007.ST25.txt**
Output Set: **N:\CRF4\06162003\I892635A.raw**

```
L:300 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:120
M:341 Repeated in SeqNo=9
L:1050 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:22
L:1057 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:22
L:1062 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:22
L:1064 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:60
M:341 Repeated in SeqNo=22
L:1210 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:23
L:1217 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:23
L:1222 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:23
L:1224 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:60
M:341 Repeated in SeqNo=23
L:1370 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:24
L:1377 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:24
L:1380 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:16
M:341 Repeated in SeqNo=24
L:1692 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:25
L:1698 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:25
L:1701 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:16
M:341 Repeated in SeqNo=25
L:2005 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:26
L:2012 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:26
L:2015 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:16
M:341 Repeated in SeqNo=26
L:2336 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:840
M:341 Repeated in SeqNo=27
L:2431 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:840
M:341 Repeated in SeqNo=28
L:2658 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:1168
M:341 Repeated in SeqNo=29
L:2739 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:144
M:341 Repeated in SeqNo=30
L:2952 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:160
M:341 Repeated in SeqNo=31
L:3169 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:1680
L:3221 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:1680
L:3313 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:544
L:3420 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:528
L:3531 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:544
L:3600 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:1680
M:341 Repeated in SeqNo=37
L:3644 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:1680
M:341 Repeated in SeqNo=38
L:3728 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:544
M:341 Repeated in SeqNo=39
L:3815 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:528
M:341 Repeated in SeqNo=40
L:3936 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:840
```

VERIFICATION SUMMARY   DATE: 06/16/2003
PATENT APPLICATION: **US/09/892,635A**   TIME: 15:27:33

Input Set : **A:\031998-007.ST25.txt**
Output Set: **N:\CRF4\06162003\I892635A.raw**

L:3984 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:840